

Ni@Mo@O nanorod-derived composite catalysts for
conversion *via* urea electrolysis

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Citation Report

#	ARTICLE	IF	CITATIONS
4	Self-supported bimetallic Ni@Co compound electrodes for urea- and neutralization energy-assisted electrolytic hydrogen production. <i>Nanoscale</i> , 2018, 10, 21087-21095.	2.8	73
5	Recent Advances in the Electro-Oxidation of Urea for Direct Urea Fuel Cell and Urea Electrolysis. <i>Topics in Current Chemistry</i> , 2018, 376, 42.	3.0	140
6	Self-Assembly-Induced Mosslike Fe ₂ O ₃ and FeP on Electro-oxidized Carbon Paper for Low-Voltage-Driven Hydrogen Production Plus Hydrazine Degradation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 15727-15736.	3.2	28
7	Local Charge Distribution Engineered by Schottky Heterojunctions toward Urea Electrolysis. <i>Advanced Energy Materials</i> , 2018, 8, 1801775.	10.2	266
8	Colloidal Synthesis of NiWSe Nanosheets for Efficient Electrocatalytic Hydrogen Evolution Reaction in Alkaline Media. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2040-2045.	1.7	17
9	The P/NiFe doped NiMoO ₄ micro-pillars arrays for highly active and durable hydrogen/oxygen evolution reaction towards overall water splitting. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 24546-24558.	3.8	28
10	Morphology-Controlled Synthesis of Ni-MOFs with Highly Enhanced Electrocatalytic Performance for Urea Oxidation. <i>Inorganic Chemistry</i> , 2019, 58, 11449-11457.	1.9	69
11	Co ₃ O ₄ arrays with tailored morphology as robust water oxidation and urea splitting catalyst. <i>Journal of Alloys and Compounds</i> , 2019, 809, 151821.	2.8	18
12	Tailoring the photoelectrochemistry of catalytic metal-insulator-semiconductor (MIS) photoanodes by a dissolution method. <i>Nature Communications</i> , 2019, 10, 3522.	5.8	49
13	Bimetallic NiPd Nanoparticle-Incorporated Ordered Mesoporous Carbon as Highly Efficient Electrocatalysts for Hydrogen Production via Overall Urea Electrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15526-15536.	3.2	44
14	Chemical Doped Ternary and Quaternary Transition-Metal-Based Electrocatalysts for Hydrogen Evolution Reaction. <i>ChemCatChem</i> , 2019, 11, 4998-5012.	1.8	7
15	Defective NiFe ₂ O ₄ Nanoparticles for Efficient Urea Electrooxidation. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2796-2801.	1.7	14
16	Strongly Coupled 3D N-Doped MoO ₂ /Ni ₃ S ₂ Hybrid for High Current Density Hydrogen Evolution Electrocatalysis and Biomass Upgrading. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 27743-27750.	4.0	95
17	Synthesis of CoMoO ₄ /Co ₉ S ₈ network arrays on nickel foam as efficient urea oxidation and hydrogen evolution catalyst. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 19595-19602.	3.8	18
18	Boosting Hydrogen Production by Electrooxidation of Urea over 3D Hierarchical Ni ₄ N/Cu ₃ N Nanotube Arrays. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 13278-13285.	3.2	80
19	Ni-Co-Mo-O nanosheets decorated with NiCo nanoparticles as advanced electrocatalysts for highly efficient hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2019, 258, 117953.	10.8	68
20	Highly active electrocatalysts of CeO ₂ modified NiMoO ₄ nanosheet arrays towards water and urea oxidation reactions. <i>Electrochimica Acta</i> , 2019, 320, 134608.	2.6	34
21	Rapid room-temperature fabrication of ultrathin Ni(OH) ₂ nanoflakes with abundant edge sites for efficient urea oxidation. <i>Applied Catalysis B: Environmental</i> , 2019, 259, 118020.	10.8	108

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23	Cable-like Ru/WNO@C nanowires for simultaneous high-efficiency hydrogen evolution and low-energy consumption chlor-alkali electrolysis. Energy and Environmental Science, 2019, 12, 2569-2580.	15.6	137
24	Self-supported ternary (Ni _x Fe _{1-x}) ₂ P nanoplates arrays as an efficient bifunctional electrocatalyst for overall water splitting. Electrochimica Acta, 2019, 319, 561-568.	2.6	18
25	Enhanced Hydrogen Evolution Reaction Performance of NiCo ₂ P by Filling Oxygen Vacancies by Phosphorus in Thin-Coating CeO ₂ . ACS Applied Materials & Interfaces, 2019, 11, 32460-32468.	4.0	46
26	Metal-Organic Framework-Derived Fe/Co-based Bifunctional Electrode for H ₂ Production through Water and Urea Electrolysis. ChemSusChem, 2019, 12, 4810-4823.	3.6	64
27	Hierarchical NiMo alloy microtubes on nickel foam as an efficient electrocatalyst for hydrogen evolution reaction. International Journal of Hydrogen Energy, 2019, 44, 24712-24718.	3.8	45
28	Interconnected phosphorus-doped CoO-nanoparticles nanotube with three-dimensional accessible surface enables high-performance electrochemical oxidation. Nano Energy, 2019, 66, 104194.	8.2	35
29	Crystalline Ni(OH) ₂ /Amorphous NiMoO _x Mixed-Catalyst with Pt-Like Performance for Hydrogen Production. Advanced Energy Materials, 2019, 9, 1902703.	10.2	141
30	Boosting the activity of Prussian-blue analogue as efficient electrocatalyst for water and urea oxidation. Scientific Reports, 2019, 9, 15965.	1.6	51
31	Boosting Hydrogen Transfer during Volmer Reaction at Oxides/Metal Nanocomposites for Efficient Alkaline Hydrogen Evolution. ACS Energy Letters, 2019, 4, 3002-3010.	8.8	142
32	Dual-functional Co ₃ O ₄ @Co ₂ P ₄ O ₁₂ nanoneedles supported on nickel foams with enhanced electrochemical performance and excellent stability for overall urea splitting. International Journal of Hydrogen Energy, 2019, 44, 24705-24711.	3.8	11
33	NiCoP coated on NiCo ₂ S ₄ nanoarrays as electrode materials for hydrogen evolution reaction. International Journal of Hydrogen Energy, 2019, 44, 30910-30916.	3.8	15
34	0.2 V Electrolysis Voltage-Driven Alkaline Hydrogen Production with Nitrogen-Doped Carbon Nanobowl-Supported Ultrafine Rh Nanoparticles of 1.4 nm. ACS Applied Materials & Interfaces, 2019, 11, 35039-35049.	4.0	27
35	Preparation of Carbon-Based Composite NiO/MoO ₂ /MoO ₃ /C by Electrodeposition and Its Application in Microbial Electrolysis Cells. International Journal of Electrochemical Science, 2019, , 9231-9238.	0.5	5
36	NiO-rich Ni/NiO nanocrystals for efficient water-to-hydrogen conversion via urea electro-oxidation. Applied Surface Science, 2019, 496, 143710.	3.1	41
37	A simple strategy to construct cobalt oxide-based high-efficiency electrocatalysts with oxygen vacancies and heterojunctions. Electrochimica Acta, 2019, 326, 134979.	2.6	32
38	Interface Engineering of MoS ₂ for Electrocatalytic Performance Optimization for Hydrogen Generation via Urea Electrolysis. ACS Sustainable Chemistry and Engineering, 2019, 7, 16577-16584.	3.2	70
39	Layer-by-layer assembly for photoelectrochemical nanoarchitectonics. Molecular Systems Design and Engineering, 2019, 4, 65-77.	1.7	25

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41	Ni-foam supported Co(OH)F and Co@P nanoarrays for energy-efficient hydrogen production via urea electrolysis. Journal of Materials Chemistry A, 2019, 7, 3697-3703.	5.2	235
42	Recent Advances in Electrochemical Hydrogen Production from Water Assisted by Alternative Oxidation Reactions. ChemElectroChem, 2019, 6, 3214-3226.	1.7	187
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46	Negative Charging of Transition Metal Phosphides via Strong Electronic Coupling for Destabilization of Alkaline Water. Angewandte Chemie - International Edition, 2019, 58, 11796-11800.	7.2	155
47	Hierarchically heterostructured metal hydr(oxy)oxides for efficient overall water splitting. Nanoscale, 2019, 11, 11736-11743.	2.8	14
48	Ultrathin Rh nanosheets as a highly efficient bifunctional electrocatalyst for isopropanol-assisted overall water splitting. Nanoscale, 2019, 11, 9319-9326.	2.8	97
49	Enhanced the Hydrogen Evolution Performance by Ruthenium Nanoparticles Doped into Cobalt Phosphide Nanocages. ACS Sustainable Chemistry and Engineering, 2019, 7, 9737-9742.	3.2	33
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51	Bifunctional nickel oxide-based nanosheets for highly efficient overall urea splitting. Chemical Communications, 2019, 55, 6555-6558.	2.2	53
52	3D self-supported Ni nanoparticle@N-doped carbon nanotubes anchored on NiMoN pillars for the hydrogen evolution reaction with high activity and anti-oxidation ability. Journal of Materials Chemistry A, 2019, 7, 13671-13678.	5.2	71
53	Copper-incorporated hierarchical wire-on-sheet Ni-Ni(OH) ₂ nanoarrays as robust trifunctional catalysts for synergistic hydrogen generation and urea oxidation. Journal of Materials Chemistry A, 2019, 7, 13577-13584.	5.2	159
54	Superaerophobic Nickel Phosphide Nanoarray Catalyst for Efficient Hydrogen Evolution at Ultrahigh Current Densities. Journal of the American Chemical Society, 2019, 141, 7537-7543.	6.6	401
55	Rational Design of Metallic NiTe _x (x = 1 or 2) as Bifunctional Electrocatalysts for Efficient Urea Conversion. ACS Applied Energy Materials, 2019, 2, 3363-3372.	2.5	40
56	Investigation of the correlation between the phase structure and activity of Ni-Mo-O derived electrocatalysts for the hydrogen evolution reaction. Journal of Materials Chemistry A, 2019, 7, 10338-10345.	5.2	22
57	The construction of self-supported thorny leaf-like nickel-cobalt bimetal phosphides as efficient bifunctional electrocatalysts for urea electrolysis. Journal of Materials Chemistry A, 2019, 7, 9078-9085.	5.2	151

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59	Copper-Nickel Nitride Nanosheets as Efficient Bifunctional Catalysts for Hydrazine-Assisted Electrolytic Hydrogen Production. <i>Advanced Energy Materials</i> , 2019, 9, 1900390.	10.2	243
60	Hierarchical microsphere of MoNi porous nanosheets as electrocatalyst and cocatalyst for hydrogen evolution reaction. <i>Applied Catalysis B: Environmental</i> , 2019, 249, 98-105.	10.8	98
61	Facile in-situ growth of Ni ₂ P/Fe ₂ P nanohybrids on Ni foam for highly efficient urea electrolysis. <i>Journal of Colloid and Interface Science</i> , 2019, 541, 279-286.	5.0	113
62	Hollow mesoporous nickel dendrites grown on porous nickel foam for electrochemical oxidation of urea. <i>Electrochimica Acta</i> , 2019, 304, 131-137.	2.6	27
63	A facile oxidation-dehydration reaction-driven robust porous copper oxide nanobelt coating on copper foam for an energy-saving and low-cost urea oxidization reaction. <i>Chemical Communications</i> , 2019, 55, 13562-13565.	2.2	19
64	Hole dynamic acceleration over CdSO nanoparticles for high-efficiency solar hydrogen production with urea photolysis. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25650-25656.	5.2	6
65	Electronic modulation of composite electrocatalysts derived from layered NiFeMn triple hydroxide nanosheets for boosted overall water splitting. <i>Nanoscale</i> , 2019, 11, 20797-20808.	2.8	30
66	Nickel-molybdenum nitride nanoplate electrocatalysts for concurrent electrolytic hydrogen and formate productions. <i>Nature Communications</i> , 2019, 10, 5335.	5.8	339
67	Electrochemical nitrogen fixation and utilization: theories, advanced catalyst materials and system design. <i>Chemical Society Reviews</i> , 2019, 48, 5658-5716.	18.7	541
68	Ex-situ soft X-ray absorption spectroscopic investigation of NiCo ₂ O ₄ annealed in different gases for hydrogen generation by electrolysis of urea. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 15771-15778.	3.8	9
69	MoFe-Codoped Ni ₃ S ₂ /Ni(OH) ₂ Nanosheets with Large Sample Size toward High-Performance Oxygen Evolution. <i>Energy Technology</i> , 2019, 7, 1801053.	1.8	5
70	Activating the alkaline hydrogen evolution performance of Mo-incorporated Ni(OH) ₂ by plasma-induced heterostructure. <i>Applied Catalysis B: Environmental</i> , 2020, 260, 118154.	10.8	70
71	Coupling efficient biomass upgrading with H ₂ production via bifunctional Cu _x S@NiCo-LDH core-shell nanoarray electrocatalysts. <i>Journal of Materials Chemistry A</i> , 2020, 8, 1138-1146.	5.2	132
72	Ni-Ni ₃ P nanoparticles embedded into N, P-doped carbon on 3D graphene frameworks via in situ phosphatization of saccharomyces with multifunctional electrodes for electrocatalytic hydrogen production and anodic degradation. <i>Applied Catalysis B: Environmental</i> , 2020, 261, 118147.	10.8	82
73	Borate crosslinking synthesis of structure tailored carbon-based bifunctional electrocatalysts directly from guar gum hydrogels for efficient overall water splitting. <i>Carbon</i> , 2020, 157, 153-163.	5.4	30
74	Benzylamine oxidation boosted electrochemical water-splitting: Hydrogen and benzonitrile co-production at ultra-thin Ni ₂ P nanomeshes grown on nickel foam. <i>Applied Catalysis B: Environmental</i> , 2020, 268, 118393.	10.8	100
75	Recent Advances in Electrocatalytic Hydrogen Evolution Using Nanoparticles. <i>Chemical Reviews</i> , 2020, 120, 851-918.	23.0	1,767

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77	Ir-Doped Ni-based metal-organic framework ultrathin nanosheets on Ni foam for enhanced urea electro-oxidation. <i>Chemical Communications</i> , 2020, 56, 2151-2154.	2.2	101
78	Designing Advanced Catalysts for Energy Conversion Based on Urea Oxidation Reaction. <i>Small</i> , 2020, 16, e1906133.	5.2	328
79	Electrocatalytic hydrogen evolution reaction studies of NiW _{1-x} Mo _x O ₄ (x = 0.0, 0.5 and 1.0) nanoparticles in both acid and alkaline electrolytes. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 2378-2387.	1.1	12
80	A one-pot shielding-to-etching strategy to synthesize amorphous MoS ₂ modified CoS/Co _{0.85} Se heterostructured nanotube arrays for boosted energy-saving H ₂ generation. <i>Nanoscale</i> , 2020, 12, 991-1001.	2.8	33
81	A 3D hierarchical dual-metal-organic framework heterostructure up-regulating the pre-concentration effect for ultrasensitive fluorescence detection of tetracycline antibiotics. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2054-2064.	2.7	95
82	Ultrafine Rh nanocrystals decorated ultrathin NiO nanosheets for urea electro-oxidation. <i>Applied Catalysis B: Environmental</i> , 2020, 265, 118567.	10.8	89
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84	Low-Cost Ni ₂ P/Ni _{0.96} S Heterostructured Bifunctional Electrocatalyst toward Highly Efficient Overall Urea-Water Electrolysis. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2225-2233.	4.0	93
85	Efficient hydrogen production via urea electrolysis with cobalt doped nickel hydroxide-riched hybrid films: Cobalt doping effect and mechanism aspect. <i>Journal of Catalysis</i> , 2020, 381, 454-461.	3.1	62
86	Interlaced rosette-like MoS ₂ /Ni ₃ S ₂ /NiFe-LDH grown on nickel foam: A bifunctional electrocatalyst for hydrogen production by urea-assisted electrolysis. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 23-35.	3.8	61
87	Transition Metal Selenides for Electrocatalytic Hydrogen Evolution Reaction. <i>ChemElectroChem</i> , 2020, 7, 31-54.	1.7	103
88	Monomeric MoS ₄ ²⁻ -Derived Polymeric Chains with Active Molecular Units for Efficient Hydrogen Evolution Reaction. <i>ACS Catalysis</i> , 2020, 10, 652-662.	5.5	37
89	Activity Origins and Design Principles of Nickel-Based Catalysts for Nucleophile Electrooxidation. <i>CheM</i> , 2020, 6, 2974-2993.	5.8	302
90	Pulsed electrodeposition of well-ordered nanoporous Cu-doped Ni arrays promotes high-efficiency overall hydrazine splitting. <i>Journal of Materials Chemistry A</i> , 2020, 8, 21084-21093.	5.2	36
91	Nanosheet-Derived Ultrafine CoRuO _x @NC Nanoparticles with a Core@Shell Structure as Bifunctional Electrocatalysts for Electrochemical Water Splitting with High Current Density or Low Power Input. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 12089-12099.	3.2	20
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95	Constructing multifunctional "Nanoplatelet-on-Nanoarray"™ electrocatalyst with unprecedented activity towards novel selective organic oxidation reactions to boost hydrogen production. Applied Catalysis B: Environmental, 2020, 278, 119339.	10.8	93
96	Realizing optimal hydrogen evolution reaction properties via tuning phosphorous and transition metal interactions. Green Energy and Environment, 2020, 5, 506-512.	4.7	19
97	Oxygen Vacancy-rich Ni/NiO@NC Nanosheets with Schottky Heterointerface for Efficient Urea Oxidation Reaction. ChemSusChem, 2020, 13, 5004-5014.	3.6	95
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103	Phase-Dependent Reactivity of Nickel Molybdates for Electrocatalytic Urea Oxidation. ACS Applied Energy Materials, 2020, 3, 7535-7542.	2.5	41
104	Suppressed Jahn-Teller Distortion in MnCo ₂ O ₄ @Ni ₂ P Heterostructures to Promote the Overall Water Splitting. Small, 2020, 16, e2001856.	5.2	59
105	Ultrafine NiFe clusters anchored on N-doped carbon as bifunctional electrocatalysts for efficient water and urea oxidation. Dalton Transactions, 2020, 49, 13962-13969.	1.6	28
106	Non-precious-metal catalysts for alkaline water electrolysis: <i>operando</i> characterizations, theoretical calculations, and recent advances. Chemical Society Reviews, 2020, 49, 9154-9196.	18.7	448
107	Partially exposed RuP ₂ surface in hybrid structure endows its bifunctionality for hydrazine oxidation and hydrogen evolution catalysis. Science Advances, 2020, 6, .	4.7	168
108	Nickel doped MoS ₂ nanoparticles as precious-metal free bifunctional electrocatalysts for glucose assisted electrolytic H ₂ generation. International Journal of Hydrogen Energy, 2020, 45, 32940-32948.	3.8	21
109	<i>In Situ</i> Formed Bimetallic Carbide Ni ₆ Mo ₆ C Nanodots and NiMoO _x Nanosheet Array Hybrids Anchored on Carbon Cloth: Efficient and Flexible Self-Supported Catalysts for Hydrogen Evolution. ACS Catalysis, 2020, 10, 11634-11642.	5.5	63
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113	Complete Reconstruction of Hydrate Pre-Catalysts for Ultrastable Water Electrolysis in Industrial-Concentration Alkali Media. <i>Cell Reports Physical Science</i> , 2020, 1, 100241.	2.8	117
114	Photoelectrochemical water splitting: a road from stable metal oxides to protected thin film solar cells. <i>Journal of Materials Chemistry A</i> , 2020, 8, 10625-10669.	5.2	162
115	Tailorable Electrocatalytic 5-Hydroxymethylfurfural Oxidation and H ₂ Production: Architecture-Performance Relationship in Bifunctional Multilayer Electrodes. <i>ACS Nano</i> , 2020, 14, 6812-6822.	7.3	81
116	Urea Electrooxidation: Current Development and Understanding of Ni-Based Catalysts. <i>ChemElectroChem</i> , 2020, 7, 3211-3228.	1.7	101
117	Integrating H ₂ generation with sewage disposal by an efficient anti-poisoning bifunctional electrocatalyst. <i>Applied Catalysis B: Environmental</i> , 2020, 277, 119175.	10.8	18
118	Defect-engineered CoMoO ₄ ultrathin nanosheet array and promoted urea oxidation reaction. <i>Applied Catalysis A: General</i> , 2020, 602, 117670.	2.2	32
119	Rhodium phosphide ultrathin nanosheets for hydrazine oxidation boosted electrochemical water splitting. <i>Applied Catalysis B: Environmental</i> , 2020, 270, 118880.	10.8	151
120	Efficient bifunctional catalysts synthesized from three-dimensional Ni/Fe bimetallic organic frameworks for overall urea electrolysis. <i>Dalton Transactions</i> , 2020, 49, 5646-5652.	1.6	36
121	Energy-efficient hydrogen production over a high-performance bifunctional NiMo-based nanorods electrode. <i>Journal of Colloid and Interface Science</i> , 2020, 571, 48-54.	5.0	37
122	Prussian blue analogue-derived porous bimetallic oxides Fe ₃ O ₄ @NiO/NF as urea oxidation electrocatalysis. <i>Chemical Papers</i> , 2020, 74, 4473-4480.	1.0	12
123	Improved hydrogen generation via a urea-assisted method over 3D hierarchical NiMo-based composite microrod arrays. <i>Journal of Alloys and Compounds</i> , 2020, 844, 155382.	2.8	46
124	Hydrogen Production from Urea Sewage on NiFe-Based Porous Electrocatalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 0, .	3.2	15
125	0.03 V Electrolysis Voltage Driven Hydrazine Assisted Hydrogen Generation on NiCo phosphide Nanowires Supported NiCoHydroxide Nanosheets. <i>ChemElectroChem</i> , 2020, 7, 3089-3097.	1.7	10
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128	Bimetal Schottky Heterojunction Boosting Energy-Saving Hydrogen Production from Alkaline Water via Urea Electrocatalysis. <i>Advanced Functional Materials</i> , 2020, 30, 2000556.	7.8	216
129	<i>In Situ</i> Growth of Porous Ultrathin Ni(OH) ₂ Nanostructures on Nickel Foam: An Efficient and Durable Catalysts for Urea Electrolysis. <i>ACS Applied Energy Materials</i> , 2020, 3, 2996-3004.	2.5	46

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130	Boosting water electrolysis with anodic glucose oxidation reaction over engineered cobalt nickel hydroxide nanosheet on carbon cloth. <i>Journal of Electroanalytical Chemistry</i> , 2020, 861, 113946.	1.9	18
131	Decorating CoNi layered double hydroxides nanosheet arrays with fullerene quantum dot anchored on Ni foam for efficient electrocatalytic water splitting and urea electrolysis. <i>Chemical Engineering Journal</i> , 2020, 390, 124525.	6.6	118
132	Highly disordered cobalt oxide nanostructure induced by sulfur incorporation for efficient overall water splitting. <i>Nano Energy</i> , 2020, 71, 104652.	8.2	105
133	Efficient electrochemical production of glucaric acid and H ₂ via glucose electrolysis. <i>Nature Communications</i> , 2020, 11, 265.	5.8	280
134	Agaric-derived N-doped carbon nanorod arrays@nanosheet networks coupled with molybdenum carbide nanoparticles as highly efficient pH-universal hydrogen evolution electrocatalysts. <i>Nanoscale</i> , 2020, 12, 5159-5169.	2.8	26
135	Amorphous Ni-Fe-Mo Suboxides Coupled with Ni Network as Porous Nanoplate Array on Nickel Foam: A Highly Efficient and Durable Bifunctional Electrode for Overall Water Splitting. <i>Advanced Science</i> , 2020, 7, 1902034.	5.6	94
136	In situ Grown Ni phosphate@Ni ₁₂ P ₅ Nanorod Arrays as a Unique Core-Shell Architecture: Competitive Bifunctional Electrocatalysts for Urea Electrolysis at Large Current Densities. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 7463-7471.	3.2	75
137	Anodic hydrazine electrooxidation boosted overall water electrolysis by bifunctional porous nickel phosphide nanotubes on nickel foam. <i>Nanoscale</i> , 2020, 12, 11526-11535.	2.8	37
138	Design and Synthesis of Highly Performing Bifunctional Ni-NiO-MoNi Hybrid Catalysts for Enhanced Urea Oxidation and Hydrogen Evolution Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 7174-7181.	3.2	63
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414	Controlled synthesis of M doped Co ₃ O ₄ (M=Ce, Ni and Fe) on Ni foam as robust electrocatalyst for oxygen evolution reaction and urea oxidation reaction. <i>Journal of Colloid and Interface Science</i> , 2023, 630, 512-524.	5.0	15
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416	Hierarchically nanostructured Ni(Mo,Co)-WO _x electrocatalysts for highly efficient urea electrolysis. <i>Applied Surface Science</i> , 2023, 610, 155520.	3.1	3
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418	Recent advances in hybrid water electrolysis for energy-saving hydrogen production. <i>Green Chemical Engineering</i> , 2023, 4, 17-29.	3.3	7
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423	Construction of nickel sulfide phase-heterostructure for alkaline hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2023, 633, 640-648.	5.0	8
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